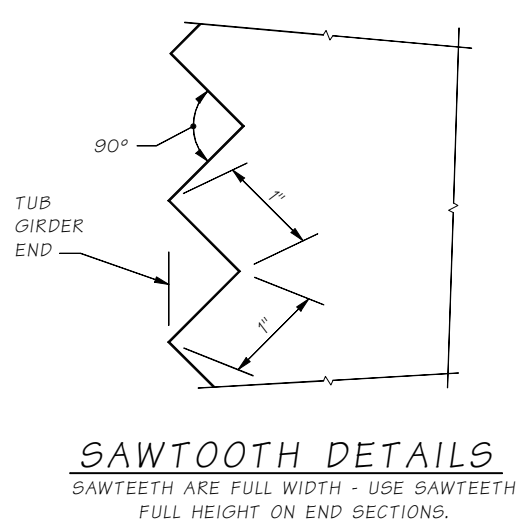
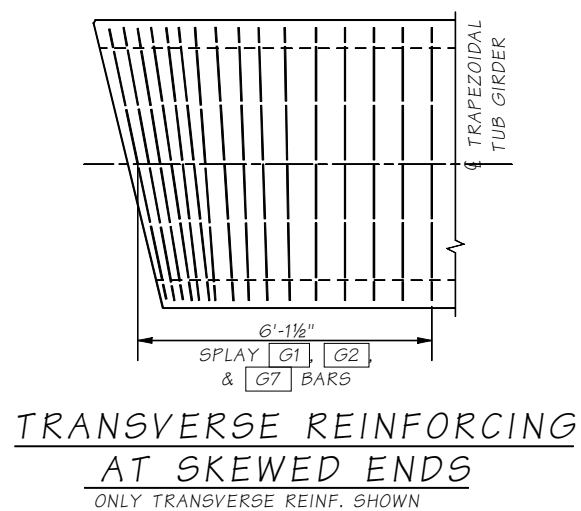
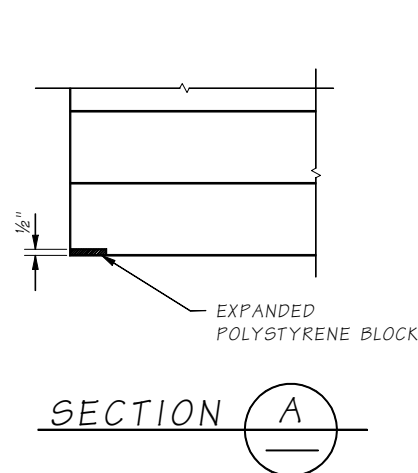
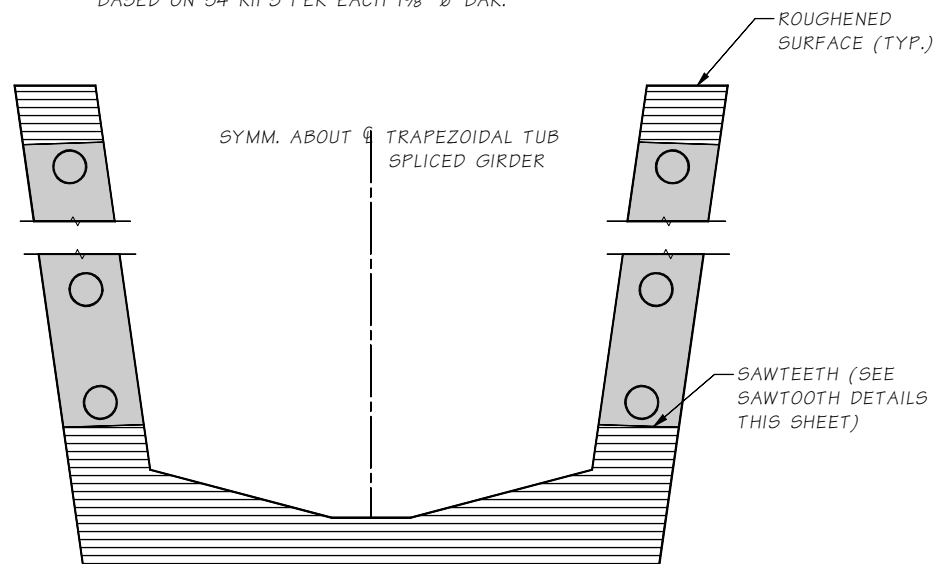


BOTTOM OF TUB SPALL PROTECTION

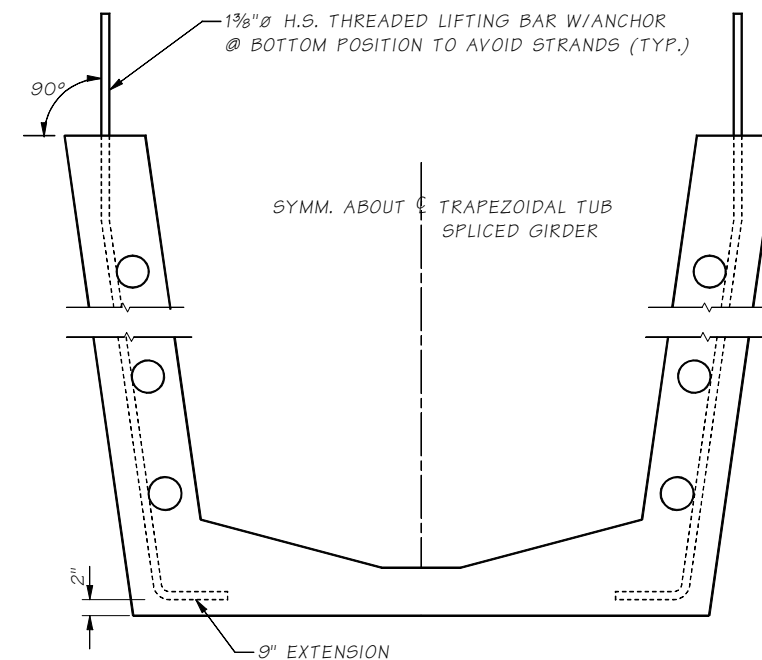
END TYPE "C" INTERMEDIATE HINGE DIAPHRAGM
AND END TYPE "D" INTERMEDIATE FIXED DIAPHRAGM



***THE NUMBER OF LIFTING BARS SHALL BE BASED ON 54 KIPS PER EACH 1 3/8" Ø BAR.



EXTENDED STRANDS NOT SHOWN.
USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRANDS.

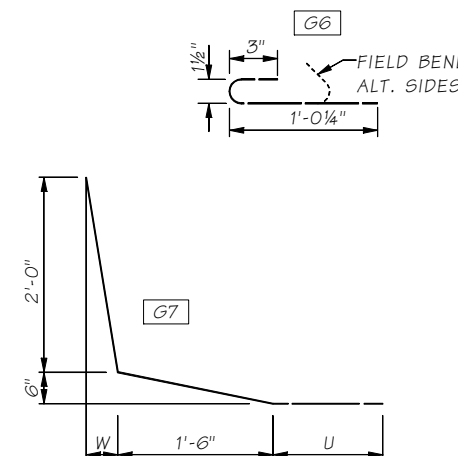
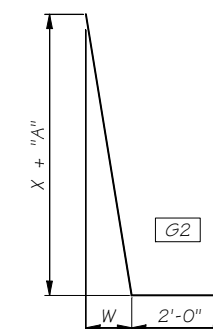
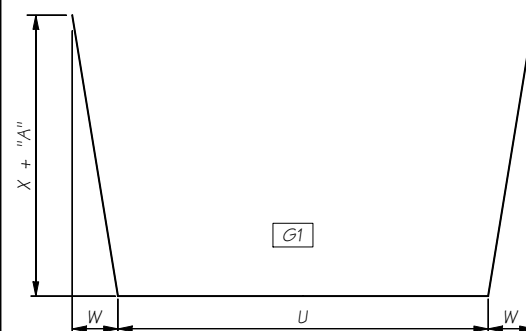


BENDING DIAGRAM

MARK	LOCATION	SIZE	U	W	X	ALL DIMENSIONS ARE OUT TO OUT
G1	STIRRUPS, OUTSIDE WEB	5				
G2	STIRRUPS, INSIDE WEB	5				
G3	LONGITUDINAL BOTTOM FLANGE	4				STR.
G4	TOP WEB LONGIT.	6				STR.
G5	LONGITUDINAL WEB	5				STR.
G6	WEB TIE	W12				# #4 MAY BE SUBSTITUTED FOR W12, FIELD BENDING IS OPTIONAL
G7	WEB	4				

* = VARIES FOR SKEWED SPANS

NOTE: FOR DIMENSION "A", SEE "GIRDER SCHEDULE"



Bridge Design Engr.	M:\STANDARDS\Girders\PT Trapezoidal Tubs\PT_TRAPEZOIDAL TUB 3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue Apr 29 13:49:08 2008

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
PRESTRESSED CONCRETE GIRDERS

TUB SPLICED GIRDER
DETAILS 3 OF 5

BRIDGE
SHEET
NO.
SHEET
OF
SHEETS